

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	27869	discriminat\$3 and (train\$4 learn\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 22:08
L2	522703	(train\$4 learn\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 22:07
L3	317221	discriminat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 22:08
L4	274	neur\$3 adj3 puls\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 22:08
L5	9	(US-20040172375-A1 US-20040172457-A1 US-4518866-A US-5067095-A US-5119816-A US-5664065-A US-5704016-A US-5940529-A US-6035223-A).did.	US-PGPUB; USPAT	OR	ON	2005/01/17 22:08
L6	3	L4 and L5	US-PGPUB; USPAT	OR	ON	2005/01/17 22:08
L7	3	3 and L6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 22:21
L8	3	7 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 22:21
L9	40	("4435291" "4737929" "4997574" "5011613" "5167006" "5236600" "5446829" "5581459").PN. OR (("5630023" "5675504").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/17 22:35
L10	14	9 and @ad<="19980825"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 22:40

L11	4	3 same 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 22:36
L12	2	11 and @ad<="19980825"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 22:43
L13	2	9 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 22:40
L14	1	13 and @ad<="19980825"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 22:40
L15	4	11 same 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 22:43
L16	2	15 and @ad<="19980825"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 22:43

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	("5630023" "5675504").pn.	USPAT	OR	ON	2005/01/17 20:18
L3	274	neur\$3 adj3 puls\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 20:27
L4	304	706/15.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 20:28
L5	9	3 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 20:28
L6	2	5 and @ad<="19980825"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/17 20:41
L7	5	("5331970" "5192343" "5754738" "5806053" "5105468").pn.	USPAT	OR	ON	2005/01/17 20:40
L8	1	"20030228054".did.	US-PGPUB	OR	ON	2005/01/17 20:43
L9	9	(US-20040172375-A1 US-20040172457-A1 US-4518866-A US-5067095-A US-5119816-A US-5664065-A US-5704016-A US-5940529-A US-6035223-A).did.	US-PGPUB; USPAT	OR	ON	2005/01/17 20:45
L10	8	(US-20040172375-A1 US-20040172457-A1 US-4518866-A US-5067095-A US-5664065-A US-5704016-A US-5940529-A US-6035223-A).did.	US-PGPUB; USPAT	OR	ON	2005/01/17 20:45
L11	3	3 and 9	US-PGPUB; USPAT	OR	ON	2005/01/17 20:45

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)Welcome
United States Patent and Trademark Office

» See

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)**Quick Links**[Welcome to IEEE Xplore](#)

- Home
- What Can I Access?
- Log-out

[Tables of Contents](#)

- Journals & Magazines
- Conference Proceedings
- Standards

[Search](#)

- By Author
- Basic
- Advanced
- CrossRef

[Member Services](#)

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

[Enterprise Grid](#)

- Access the IEEE Enterprise File Cabinet

 [Print Format](#)[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs



Welcome
United States Patent and Trademark Office



» See

Help FAQ Terms IEEE Peer Review

Quick Links

Welcome to IEEE Xplore

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced
- CrossRef

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

ENTERPRISE

- Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **16** of **1117589** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

pulsed neurons

Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 The supervised learning rules of the pulsed neuron model-learning & connection weights and the delay times

Kuroyanagi, S.; Iwata, A.;

Neural Information Processing, 1999. Proceedings. ICONIP '99. 6th International Conference on, Volume: 1, 16-20 Nov. 1999

Pages: 7 - 12 vol.1

[Abstract] [PDF Full-Text (416 KB)] IEEE CNF

2 An unsupervised learning rule for the pulsed neuron model - the vector quantization of the auditory temporal signals

Kuroyanagi, S.; Iwata, A.;

Neural Networks, 2000. IJCNN 2000, Proceedings of the IEEE-INNS-ENNS International Joint Conference on, Volume: 3, 24-27 July 2000

Pages: 285 - 290 vol.3

[Abstract] [PDF Full-Text (412 KB)] IEEE CNF

3 Small-scaled neuro-hardware using probabilistically-coded pulse neurons with on-chip learning

Kawashima, T.; Ishiguro, A.; Okuma, S.;

SICE 2002. Proceedings of the 41st SICE Annual Conference, Volume: 3, 5-7 2002

Pages: 1865 - 1866 vol.3

[Abstract] [PDF Full-Text (223 KB)] IEEE CNF

4 An architecture of small-scaled neuro-hardware using probabilistically-coded pulse neurons

Kawashima, T.; Ishiguro, A.; Okuma, S.;

Industrial Electronics Society, 2000. IECON 2000. 26th Annual Conference of IEEE , Volume: 1 , 22-28 Oct. 2000
Pages:657 - 663 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(421 KB\)\]](#) [IEEE CNF](#)

5 Integrated pulse neuron circuit for asynchronous pulse neural network
Taniguchi, T.; Horio, Y.; Aihara, K.;
Neural Networks, 2003. Proceedings of the International Joint Conference on , Volume: 2 , 20-24 July 2003
Pages:942 - 947 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(429 KB\)\]](#) [IEEE CNF](#)

6 An competitive learning pulsed neural network for temporal signals
Kurojanagi, S.; Iwata, A.;
Neural Information Processing, 2002. ICONIP '02. Proceedings of the 9th International Conference on , Volume: 1 , 18-22 Nov. 2002
Pages:348 - 352 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(616 KB\)\]](#) [IEEE CNF](#)

7 An architecture of small-scaled neuro-hardware using probabilistically calculated pulse neurons
Kawashima, T.; Ishiguro, A.; Okuma, S.;
Systems, Man, and Cybernetics, 2001 IEEE International Conference on , Volume: 3 , 7-10 Oct. 2001
Pages:1520 - 1525 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(397 KB\)\]](#) [IEEE CNF](#)

8 Applications of random-pulse machine concept to neural network design
Petriu, E.M.; Watanabe, K.; Yeap, T.H.;
Instrumentation and Measurement, IEEE Transactions on , Volume: 45 , Issue 2 , April 1996
Pages:665 - 669

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) [IEEE JNL](#)

9 Electrical stimulation with Pt electrodes. VIII. Electrochemically safe charge injection limits with 0.2 ms pulses [neuronal application]
Rose, T.L.; Robblee, L.S.;
Biomedical Engineering, IEEE Transactions on , Volume: 37 , Issue: 11 , Nov. 1994
Pages:1118 - 1120

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#) [IEEE JNL](#)

10 Perceptual features and directionality by auditory neural network model using pulse transmission-extraction of inter-aural time and level difference
Kuroyanagi, S.; Iwata, A.;
Neural Networks, 1993. IJCNN '93-Nagoya. Proceedings of 1993 International Conference on , Volume: 1 , 25-29 Oct. 1993

Pages:77 - 80 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) [IEEE CNF](#)

11 Reinforcement learning algorithm with network extension for pulse neural network

Takita, K.; Osana, Y.; Hagiwara, M.;

Systems, Man, and Cybernetics, 2000 IEEE International Conference on , Volume: 4 , 8-11 Oct. 2000

Pages:2586 - 2591 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(459 KB\)\]](#) [IEEE CNF](#)

12 Combining structural and spectral information for discrimination using pulse coupled neural networks in multispectral and hyperspectral data

Cooley, J.H.; Cooley, T.W.;

Geoscience and Remote Sensing, 1997. IGARSS '97. 'Remote Sensing - A Scientific Vision for Sustainable Development'., 1997 IEEE International , Volume: 4 , 3 Aug. 1997

Pages:1666 - 1668 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) [IEEE CNF](#)

13 A hippocampal CA3 model for temporal sequences

Ito, M.; Miyake, S.; Inawashiro, S.; Kuroiwa, J.; Sawada, Y.;

Neural Information Processing, 1999. Proceedings. ICONIP '99. 6th International Conference on , Volume: 2 , 16-20 Nov. 1999

Pages:771 - 776 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(184 KB\)\]](#) [IEEE CNF](#)

14 CMOS analog neural network systems based on oscillatory neurons

Linares-Barranco, B.; Sanchez-Sinencio, E.; Rodriguez-Vazquez, A.; Huertas, J.A.; Circuits and Systems, 1992. ISCAS '92. Proceedings., 1992 IEEE International Symposium on , Volume: 5 , 3-6 May 1992

Pages:2236 - 2239 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(312 KB\)\]](#) [IEEE CNF](#)

15 Electronic implementation for competitive neural network: a prototype

Flores Nava, L.M.; Ortega Cisneros, S.; Gomez Castaneda, F.; Moreno Cadena, J.A.;

Neural Networks, 1996., IEEE International Conference on , Volume: 2 , 3-6 Jun 1996

Pages:968 - 973 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(292 KB\)\]](#) [IEEE CNF](#)

[1](#) [2](#) [Next](#)

Copyright © 2004 IEEE — All rights reserved